CAS/STN FILE 'STNGUIDE' ENTERED AT 12:12:11 ON 25 SEP 2008

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     FILE 'PCI' "PATENTS CITATION SEARCH" ENTERED AT 12:12:47 ON 25 SEP 2008
L92          2 SEA ABB=ON   PLU=ON   (US5270261 OR US6607970)/PN
L93            SEL PLU=ON   L92 1- PN :        16 TERMS
L94        191 SEA ABB=ON   PLU=ON   L93/PN.D
L95            SEL PLU=ON   L94 1- PRN :       207 TERMS

     FILE 'STNGUIDE' ENTERED AT 12:13:22 ON 25 SEP 2008

     FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT
     12:13:42 ON 25 SEP 2008
L96        494 SEA ABB=ON   PLU=ON   L95
L97         90 SEA ABB=ON   PLU=ON   L96 AND THINNED
L98         63 SEA ABB=ON   PLU=ON   L96 AND THINNING
L99          4 SEA ABB=ON   PLU=ON   L96 AND (SI OR SEMICONDUCT###### OR
                  SILICON)(3A)(WAFER OR SUBSTRATE)(6A)(MU OR MUM OR MICRON OR
                  MICROMETER OR MM OR MILLIMETER OR INCH OR CM OR CENTIMETER)(6A)
                  (THINN##### OR THIN OR THICK##### OR RANG###)
L100      9883 SEA ABB=ON   PLU=ON   152(3A)(SI OR SEMICONDUCT###### OR SILICON
                  OR WAFER OR SUBSTRATE OR MU OR MUM OR MICRON OR MICROMETER OR
                  MM OR MILLIMETER OR THINN##### OR THIN OR THICK##### OR
                  RANG###)
L101      3852 SEA ABB=ON   PLU=ON   153(3A)(SI OR SEMICONDUCT###### OR SILICON
                  OR WAFER OR SUBSTRATE OR MU OR MUM OR MICRON OR MICROMETER OR
                  MM OR MILLIMETER OR THINN##### OR THIN OR THICK##### OR
                  RANG###)
L102   2561876 SEA ABB=ON   PLU=ON   (151 OR 150 OR 10 OR 11 OR 12 OR 13 OR 14
                  OR 15 OR 9)(3A)(SI OR SEMICONDUCT###### OR SILICON OR WAFER OR
                  SUBSTRATE OR MU OR MUM OR MICRON OR MICROMETER OR MM OR
                  MILLIMETER OR THINN##### OR THIN OR THICK##### OR RANG###)
L103       133 SEA ABB=ON   PLU=ON   150MU#
L104         0 SEA ABB=ON   PLU=ON   150M UM
L105       163 SEA ABB=ON   PLU=ON   150UM
L106         2 SEA ABB=ON   PLU=ON   151UM
L107         3 SEA ABB=ON   PLU=ON   152UM
L108         0 SEA ABB=ON   PLU=ON   153UM
L109         2 SEA ABB=ON   PLU=ON   153MU##
L110         1 SEA ABB=ON   PLU=ON   152MU#
L111         0 SEA ABB=ON   PLU=ON   151MU#
L112       133 SEA ABB=ON   PLU=ON   150MU#
L113        43 SEA ABB=ON   PLU=ON   150MICRON
L114        34 SEA ABB=ON   PLU=ON   150MICROMETER
L115         0 SEA ABB=ON   PLU=ON   151MICROMETER
L116         0 SEA ABB=ON   PLU=ON   152MICROMETER
L117         0 SEA ABB=ON   PLU=ON   153MICROMETER
L118         0 SEA ABB=ON   PLU=ON   153MICRON
L119         0 SEA ABB=ON   PLU=ON   152MICRON
L120         0 SEA ABB=ON   PLU=ON   151MICRON
L121        43 SEA ABB=ON   PLU=ON   150MICRON
L122     69468 SEA ABB=ON   PLU=ON   (150 OR 151 OR 152)(W)(MU OR MUM OR M UM
                  OR MICRON OR MICROMETER)
L123   1099253 SEA ABB=ON   PLU=ON   (9 OR 10 OR 11 OR 12 OR 13 OR 14 OR 15 OR
                  50 OR 25 OR 20 OR 75 OR 100)(W)(MU OR MUM OR M UM OR MICRON OR
                  MICROMETER)
L124       102 SEA ABB=ON   PLU=ON   (L97 OR L98 OR L99)
L125        52 SEA ABB=ON   PLU=ON   L124 AND (L100 OR L101 OR L102 OR L103 OR
                  L104 OR L105 OR L106 OR L107 OR L108 OR L109 OR L110 OR L111
                  OR L112 OR L113 OR L114 OR L115 OR L116 OR L117 OR L118 OR
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                     L119 OR L120 OR L121)
L126      2 SEA ABB=ON   PLU=ON  L124 AND L122
L127     19 SEA ABB=ON   PLU=ON  L124 AND L123
L128     57 SEA ABB=ON   PLU=ON  (L125 OR L126 OR L127)
L129     53 SEA ABB=ON   PLU=ON  L128 AND 1990-2002/PY,PRY
L130     36 SEA ABB=ON   PLU=ON  L128 AND 1980-1999/PY,PRY
L131     53 SEA ABB=ON   PLU=ON  L129 OR L130
L132     53 SEA ABB=ON   PLU=ON  L131 OR (L128 NOT 2003-2008/PRY)
L133     53 SEA ABB=ON   PLU=ON  L132 AND ((L97 OR L98 OR L99) OR (L103 OR
                     L104 OR L105 OR L106 OR L107 OR L108 OR L109 OR L110 OR L111
                     OR L112 OR L113 OR L114 OR L115 OR L116 OR L117 OR L118 OR
                     L119 OR L120 OR L121))
L134     49 SEA ABB=ON   PLU=ON  L97 AND L133
L135     41 SEA ABB=ON   PLU=ON  L98 AND L133
L136     53 SEA ABB=ON   PLU=ON  (L133 OR L134 OR L135)
L137      0 SEA ABB=ON   PLU=ON  L96 AND (L103 OR L104 OR L105 OR L106 OR
                     L107 OR L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114
                     OR L115 OR L116 OR L117 OR L118 OR L119 OR L120 OR L121)
L138     10 SEA ABB=ON   PLU=ON  L96 AND 152
L139     11 SEA ABB=ON   PLU=ON  L96 AND 152###
L140      5 SEA ABB=ON   PLU=ON  L96 AND 153###
L141      6 SEA ABB=ON   PLU=ON  L96 AND 151###
L142      1 SEA ABB=ON   PLU=ON  L96 AND 149###
L143     20 SEA ABB=ON   PLU=ON  L96 AND 150###
L144      0 SEA ABB=ON   PLU=ON  L96 AND 150MIC####
L145      0 SEA ABB=ON   PLU=ON  L96 AND 150MIC############
L146      0 SEA ABB=ON   PLU=ON  L96 AND 151MIC############
L147      0 SEA ABB=ON   PLU=ON  L96 AND 152MIC############
L148      0 SEA ABB=ON   PLU=ON  L96 AND 153MIC############
L149      7 SEA ABB=ON   PLU=ON  (L97 OR L98) AND THINN####(5A) THICKNESS
L150     92 SEA ABB=ON   PLU=ON  (L97 OR L98) AND THINN####(5A)(SILICON OR
                     SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L151      4 SEA ABB=ON   PLU=ON  (L103 OR L104 OR L105 OR L106 OR L107 OR
                     L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
                     OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THINN####(
                     5A)(SILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L152     19 SEA ABB=ON   PLU=ON  (L103 OR L104 OR L105 OR L106 OR L107 OR
                     L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
                     OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THIN(5A)(S
                     ILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L153     25 SEA ABB=ON   PLU=ON  (L103 OR L104 OR L105 OR L106 OR L107 OR
                     L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
                     OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THICKNESS(
                     5A)(SILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L154      1 SEA ABB=ON   PLU=ON  (L103 OR L104 OR L105 OR L106 OR L107 OR
                     L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
                     OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THICKER(5A
                     )(SILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L155      1 SEA ABB=ON   PLU=ON  (L103 OR L104 OR L105 OR L106 OR L107 OR
                     L108 OR L109 OR L110 OR L111 OR L112 OR L113 OR L114 OR L115
                     OR L116 OR L117 OR L118 OR L119 OR L120 OR L121) AND THICKEST(5
                     A)(SILICON OR SUBSTRATE OR WAFER OR SI OR SEMICONDUCT#####)
L156     52 SEA ABB=ON   PLU=ON  L97 AND L98
L157    141 SEA ABB=ON   PLU=ON  L99 OR (L136 OR L137 OR L138 OR L139 OR
                     L140 OR L141 OR L142 OR L143 OR L144 OR L145 OR L146 OR L147
                     OR L148 OR L149 OR L150 OR L151 OR L152 OR L153 OR L154 OR
                     L155 OR L156)
L158    118 SEA ABB=ON   PLU=ON  L157 AND H01L?/IC,IPC,ECLA
L159     63 SEA ABB=ON   PLU=ON  L157 AND (257? OR 438?)/NCL
L160      7 SEA ABB=ON   PLU=ON  L159 AND (150 OR 151 OR 152)
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D BIB AB KWIC 1-7

FILE 'STNGUIDE' ENTERED AT 12:37:13 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT
12:40:31 ON 25 SEP 2008
L161   25 SEA ABB=ON   PLU=ON   (L159 NOT L160) AND 1995-2002/PY
            D BIB AB KWIC 1-25

FILE 'STNGUIDE' ENTERED AT 12:41:13 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT
12:46:00 ON 25 SEP 2008
L162   29 SEA ABB=ON   PLU=ON   (L159 NOT (L160 OR L161)) AND (THIN OR
            THINN#### OR THICK###### OR MU OR MUM OR M UM OR MICRON OR
            MICROMETER)(2A)(SUBSTRATE OR DIE OR SI OR SEMICONDUCT##### OR
            CHIP OR MICROCHIP OR DICE OR WAFER OR SILICON)

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT
12:47:22 ON 25 SEP 2008
L163   0 SEA ABB=ON   PLU=ON   (L159 NOT (L160 OR L161 OR L162)) AND
            CRITICAL##(2A)(THIN OR THINN#### OR THICK###### OR MU OR MUM
            OR M UM OR MICRON OR MICROMETER OR SUBSTRATE OR DIE OR SI OR
            SEMICONDUCT##### OR CHIP OR MICROCHIP OR DICE OR WAFER OR
            SILICON)
            D L162 1-29 BIB AB KWIC 1-29

FILE 'STNGUIDE' ENTERED AT 12:49:00 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT
12:52:02 ON 25 SEP 2008
L164   2 SEA ABB=ON   PLU=ON   (L159 NOT (L160 OR L161 OR L162))
            D 1-2 BIB AB KWIC
L165   1202 SEA ABB=ON   PLU=ON   CRITICAL##(4A)(THICKNESS OR THIN OR THICK
            OR THINNER OR THICKER OR THICKEST OR THINNESS OR THINNED OR
            THINNING)(4A)(DIE OR DIMENSION### OR CHIP OR MICROCHIP OR
            WAFER OR SUBSTRATE OR SILICON)
L166   179 SEA ABB=ON   PLU=ON   CRITICAL##(4A)(THICKNESS OR THIN OR THICK
            OR THINNER OR THICKER OR THICKEST OR THINNESS OR THINNED OR
            THINNING)(4A) SEMICONDUCT#####
L167   189 SEA ABB=ON   PLU=ON   CRITICAL##(4A)(THICKNESS OR THIN OR THICK
            OR THINNER OR THICKER OR THICKEST OR THINNESS OR THINNED OR
            THINNING)(4A) SI
L168   80 SEA ABB=ON   PLU=ON   (L165 OR L166 OR L167) AND CRITICAL##(8A)(M
            U OR MUM OR UM OR MICRON OR MICROMETER)
L169   80 SEA ABB=ON   PLU=ON   L168 NOT L159
L170   29 SEA ABB=ON   PLU=ON   L169 AND 1995-2001/PY
            D BIB AB KWIC 1-29

FILE 'STNGUIDE' ENTERED AT 12:59:06 ON 25 SEP 2008

FILE 'WPIX, JAPIO, HCAPLUS, KOREAPAT, EPFULL, PCTFULL' ENTERED AT
13:01:56 ON 25 SEP 2008
L171   244 SEA ABB=ON   PLU=ON   CRITICAL SUBSTRATE THICKNESS OR CRITICAL##(
            3A) SUBSTRATE(3A) THICKNESS
L172   0 SEA ABB=ON   PLU=ON   L96 AND L171
L173   127 SEA ABB=ON   PLU=ON   L102 AND L171
L174   4 SEA ABB=ON   PLU=ON   L100 AND L171
L175   0 SEA ABB=ON   PLU=ON   L101 AND L171
L176   127 SEA ABB=ON   PLU=ON   L173 OR L174

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L177        63 SEA ABB=ON    PLU=ON  L176 AND 1995-2001/PY
L178        61 SEA ABB=ON    PLU=ON  L177 NOT (L159 OR L170)
L179        25 SEA ABB=ON    PLU=ON  L177 AND THINN#####
L180        19 SEA ABB=ON    PLU=ON  L177 AND THICKER
            D L179 BIB AB KWIC 1-25
            D L180 BIB AB KWIC 1-19
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4 of 4

Search History

Grid Prefs... Font... Print Font: "Tehoma", Size: 10

Ref #	Hits	Search Query	DBs	D...	Pl...	Time Stamp
L1	5	"1421624"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/25 14:25
L2	1	"20040231793"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/25 14:31
L3	1	"20080212126"	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/25 14:35
L5	7369	thickness adj2 semiconduct$4 adj (die or dice or chip or microchip or substrate or wafer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/25 14:36
L6	32	thickness adj2 thinned adj1 semiconduct$4 adj (die or dice or chip or microchip or substrate or wafer)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/09/25 14:37

USPTO
EAST
Search

<u>WWW.SCIRUS.COM</u> Search History, 9-25-2008

"semiconductor substrate critical thickness"	2 hits
"semiconducting substrate critical thickness"	0 hits
"critical thickness of the semiconductor"	13 hits
"critical thickness of the semiconducting"	2 hits
"thickness of the thinned semiconducting"	0 hits
"thickness of the thinned semiconductor"	26 hits
"thickness of the semiconductor die is"	5 hits
"thickness of the semiconducting die is" OR ("thickness of the semiconducting dice is")	0 hits
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"thickness of the semiconductor chip is" OR ("thickness of the semiconductor microchip is") Date limited to 1975-2001	30 hits
"thickness of the semiconducting chips is" OR ("thickness of the semiconducting microchip is") Date limited to 1975-2001	0 hits